

THIS WEEK IN TEXAS HISTORY

September 2012 – Week 2

Air Date: September 9 – September 15 (Sunday – Saturday)



TITLE: KILBY'S GADGET

SEPTEMBER 1958 AND A TOWERING TEXAN TRANSFORMS TECHNOLOGY.

THIS WEEK IN TEXAS HISTORY, BROUGHT TO YOU BY THIS STATION AND THE SAVE TEXAS HISTORY PROGRAM OF THE GENERAL LAND OFFICE.

SEPTEMBER 12, 1958. DALLAS. WITH MOST OF HIS COWORKERS ON SUMMER VACATION, TEXAS INSTRUMENTS ENGINEER JACK KILBY IS HARD AT WORK. THE SIX-FOOT-SIX, WORLD WAR TWO VETERAN IS DESIGNING A REVOLUTIONARY NEW INTEGRATED CIRCUIT WITH A SEMICONDUCTOR SMALLER THAN A PAPERCLIP.

TODAY, HE SHOWS HIS DESIGN TO THE BOSS. SKEPTICAL, HE AGREES TO TRY IT OUT, AND THE TINY CIRCUIT WORKS – THE MICROELECTRONICS AGE IS BORN.

DUBBED THE GENTLE GIANT, KILBY AND HIS INVENTION CHANGE THE WORLD. IN 2000, KILBY IS GIVEN THE NOBEL PRIZE AND EVENTUALLY HOLDS OVER 60 PATENTS, INCLUDING ONE FOR THE HANDHELD CALCULATOR.

JACK KILBY'S INTEGRATED CIRCUIT CAME TO LIFE 54 YEARS AGO, THIS WEEK IN TEXAS HISTORY.

LEARN MORE AT SAVETEXASHISTORY.ORG OR CALL 800-998-4GLO.

Gary Price, "TEXAS INSTRUMENTS," *Handbook of Texas Online* (<http://www.tshaonline.org/handbook/online/articles/dnt02>), accessed August 30, 2012. Published by the Texas State Historical Association.

Texas Instruments, "Jack Kilby, Inventor of the Integrated Circuit, Dies at 81," *Press Release*, June 21, 2005 (<http://newscenter.ti.com/index.php?s=32851&item=126671>), access August 30, 2012.

Kelly McGuire, "Winner of Nobel in physics is Great Bend grad," *The Hays Daily News*, Oct. 11, 2000, A3, From nwspaperarchive.com

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